



# Treatonian

## Principal's Message

On September 20, 2019, Robert Treat Academy conducted our 16<sup>th</sup> Annual Interview Day. On that day 35 schools from New Jersey and across the nation came to the Academy to interview our 8<sup>th</sup> grade students and to provide information to families. From 7:30 a.m. through 6:00 p.m. over 300 interviews were conducted. I want to thank Mr. Trillo, Ms. Cruz, and Ms. Heinlein for ensuring the day went smoothly. I would also like to acknowledge our 8<sup>th</sup> grade parents who took time out of their day to participate in this important event. Last but not least I must acknowledge our 8<sup>th</sup> grade students. They conducted themselves with poise and well represented the Academy and their parents. As you can well imagine this is a nerve racking experience for 12 and 13 year old children. However in anticipation of 'nerves' our students were well prepared on interview etiquette and had done the research on the high school they are applying to. As always, I receive accolades about our students. Please enjoy the pictures from that day on pages 9-10.

On September 27<sup>th</sup>, 2019, the New Jersey Commissioner of Education, Dr. Lamont Repollet, made a visit to both of our campuses. He observed a Science, Music, and ELA classroom. We thank Dr. Repollet for taking time out of his busy schedule to visit the Academy. Please enjoy the pictures on page 8.

*Shirley Adubato*



Two Campuses  
One Community United by a  
Passion for Learning



**Stephen N. Adubato**



**Jackie Robinson**

### Stephen N. Adubato Students of the Month for September 2019

Kayden Correia Grave	104	Mithaniel Diaz	207	Yamil Mena	308
Natalia Vilar Ortiz	107	Emily Pena	208	Shiloh Gittens	310
Alanna De Leon	201	Lyanette Martinez	210	John Davis	P.E.
Ryan Ramos	202	Max Ruano	301	Alexandra Bobadilla	Science
Eva Cross	203	Leah Soto	302	Keylin Chavez	Art
Leah Garcia	204	George Solano Vaca	303	Yaira Brooks	Music
Tristan Gonzalez	205	Fatima Tonacatl	304	Tatiana Rhodes	Technology
Nathalie Flores	206	Robyn Johnson	306		



### Stephen N. Adubato Citizens of the Month for September 2019

Richard Altamirano  
Bella Lima  
Amalia Rodriguez  
Natalie Perez  
Destiny Velasquez  
Nico Rivera  
Nyla Van Dyke  
Faith Garay  
Adrian Small  
Skyler Martins



### Jackie Robinson Campus Students of the Month for September 2019

Gabrielle Chambers	12	Janis Zempare	22	Matthew McSween	Art
Stella Vidal Dias	13	Enmanuel Batista	23	Mariam Maiga and Calvin Souder	Music
Justice Edmund	14	Chelsea Gonzaga Torres	24	Darian Rouse	Technology
Aziza McMickel	15	Jaidyn Tucker	27		
Lisette Jiggetts	21	Katelyn Nunez	P.E.		



### Jackie Robinson Campus Citizens of the Month for September 2019

Xavier Canadas  
 Brian Landi  
 Emmanuella Okwud-  
 ishu  
 Julian Cruz



## Science in the Middle School

### Ms. Roemer

The Jackie Robinson Students have taken well to the new science program, “Amplify Science.” They are enjoying the Next Generation Science Standards and discovering solutions to the phenomena they have been given to study.

The eighth grade students are investigating methods to harness human energy and aid rescue workers when electricity is not available. Below is one of the lessons where they had to build their own energy systems by using solar panels, a hand crank, batteries or small motors.

The seventh grade students are investigating ways that we can search for evidence that other planets were once habitable. They examined other rocky planets such as Mercury, Venus and Mars and compared them to Earth and the landforms that are visible. They then applied what they knew about these landforms in a comparison to what scientists have found on Mars and determined how they were formed. If they were formed by water then there is a possibility that perhaps Mars might have been habitable in the past.



## SNA Middle School Science

### Ms. Barbalaco

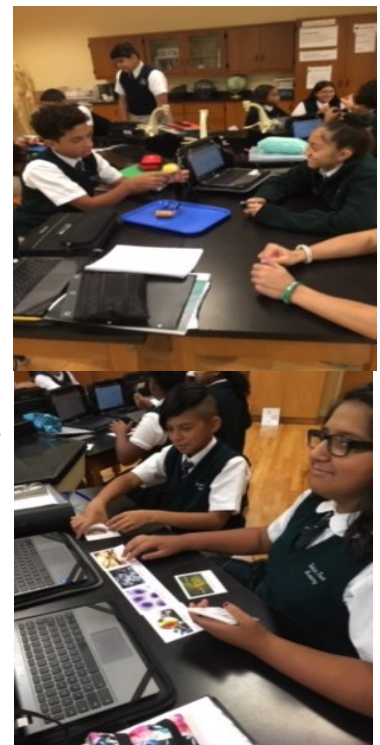
All Middle School students have begun a new Science curriculum, called *Amplify*, which combines reading, writing, digital simulations, discussion, and hands-on activities to help our students get the best science experiences. Additionally, each lesson has activities which follow the Next Generation Science Standards.



In the 8<sup>th</sup> grade unit *Harnessing Human Energy*, students were introduced to their roles as student energy scientists at the Energy Research Lab. They focused on foundational energy concepts that they drew on to design an energy solution for a rescue team.

In the 7<sup>th</sup> Grade *Geology on Mars* unit, students took on the roles of student planetary geologists to investigate a mysterious channel photographed on Mars’s surface.

Our 6<sup>th</sup> graders are currently working in the *Microbiome* unit. They are studying that which is not visible to the human eye. They are provided with an exploratory experience in which they learn about concepts related to scale, using a digital app, the Scale tool. The unit culminates in students creating evidence-based arguments to explain how fecal transplants work to cure infections. These arguments are used to address a fictional senator’s attempts to eliminate funding for fecal transplant research.



## Hurricanes: A Multi-Genre Unit Third grade, SNA



In the upcoming four-week unit, our third grade students will get to read and analyze three informational articles, a poem, and a short story. Additionally, we will view and create visual art and write a personification riddle poem. We will read articles, like, “I Survived a Superstorm” “Superstorm Sandy, One Year Later”, “Severe Weather and Natural Disasters” We are also going to read the poems, “Who Has Seen the Wind?” and “Hurricane”. We can’t wait!!!



## Engineering Fifth grade, SNA

Fifth grade at the SNA Campus has been discussing engineering in Science. They have learned how science, math, and technology all rely on each other. They are also learning about the engineering process. In a STEM project, they recently had to identify a problem, brainstorm with their classmates for possible solutions, create prototypes to test, test their possible solution, collect data, analyze the data and determine if their solution meets the specific criteria as well falls into



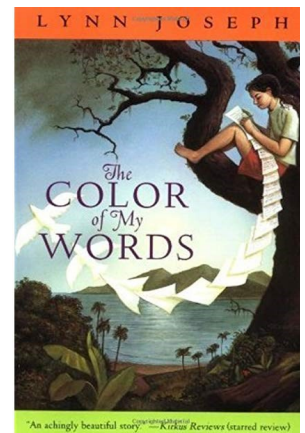
the constraints of that criteria. Below are pictures of them collaborating and testing their paper airplanes meeting the criteria provided. It was great fun to engineer a plane as requested as well as a wonderful learning experience.

## Reading News

### Fifth grade, SNA

The fifth graders have just finished reading the first novel in this year's curriculum entitled *The Color of My Words* by Lynn Joseph. This award-winning story about a twelve year-old girl growing up under a repressive regime in the Dominican Republic captivated the attention of our students.

In the coming weeks, the students will write a personal narrative, which is their first major writing project of the year. They will select a topic from their heart maps which they completed last month. They will learn strategies and techniques to recount their stories in a way that engages the reader.



## Developing Leadership Skills Eighth grade, SNA

The 8th Grade students at Robert Treat Academy continue to develop their leadership skills--a point that we have continued to stress with them. They are doing very well academically to this point and seem to be enjoying their classes. They are taking a series of difficult courses this year to which they are demonstrating interest and motivation to achieve high expectations. They have developed their sense of respect for each other as well, which has become evident in their interactions with classmates. They are also displaying excellent conduct and a strong sense of maturity that is expected of them as well. This is a responsibility that we have discussed many times with them in order to help them realize the leadership role they have and the example they need to set for all our students. They also were extremely impressive on Interview Day with the various high schools they are considering attending; which was evident in their conversations, attitudes, and excitement that was displayed for the event. We anticipate these traits and characteristics will continue to develop as the school year progresses.

## Engineering & Technology

### Fourth grade, SNA

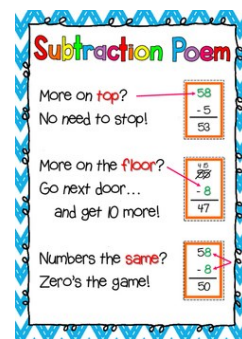
Fourth grade is exploring the process of designing new or improved technology (engineering) and how humans, in turn, change the natural world around them in order to meet a want or a need (technology). As a result, students were asked to show how specific items have changed over time. The objects explored ranged from a rotary phone to a camcorder, a gaming console, coins, other types of phones, a boombox, and even a pencil. Fourth graders explained how these objects eventually met a design problem and, thus, a solution was created to meet a current want or need pursuant to the demands of today's world.



## September Treatonian

### Second grade, SNA

Our second graders have been working very hard this month! In math, they have been learning about place values, borrowing and regrouping. They started off by understanding what place values are and how to borrow from the tens place. They're now learning how to add and subtract up to the hundreds place, and when to borrow and regroup! The Subtraction Poem has been a great help. In reading, we have been working on writing paragraphs with full sentences using indentation, correct capitalization and punctuation. They have also been working with Scholastic reading and comprehension packets. Guided Reading and Centers have now begun and our second graders are making inferences and using context clues. In Science, they have started to learn about Matter, properties and our five basic human senses. In our Foundations program, they have been learning about vowel sounds, glued words, working on closed syllables, blends and digraphs. In Music, the children have been having a lot of fun learning songs and practicing the "Do Re Me Fa So La Ti Do" scale warm ups. It's been a great start of the year, we're excited to continue learning and working hard!



### All About Maps!

#### Second grade, JRC

Second grade students at the Jackie Robinson Campus started exploring the idea of neighborhoods and maps as they listened to two fictional texts about neighborhoods and maps. We will learn how different kinds of maps including weather, treasure, topographical, and world give different types of information. Students will also discuss how maps and map tools such as symbols, legend, compass rose, scale bar, landmark, and routes help people to move from one place to another. Students are excited to learn more about the significance of maps and look forward to creating a map of their own!



### Working Hard Sixth grade, JRC

In the month of September, the sixth graders at the Jackie Robinson Campus learned a great deal in a wide variety of subjects. In ELA, they finished up the novel *Holes* and have now started reading *Percy Jackson and the Lightning Thief*. In Math, after completing a series of lessons on Greatest Common Factor and least common multiples, students have now begun learning more about square and cubic numbers. In Social Studies, students have just wrapped up Chapter 3 which focused on the Paleolithic and Neolithic time periods. Science class is in full swing, where students are learning about the Microbiomes inside their bodies and how the microorganisms in their bodies help to keep them healthy. We are proud of the sixth graders for working so hard on their academics this school year!

### Problem Solving

#### Fifth grade, JRC

This month, as part of our science curriculum, the students in 23C have been studying engineering and problem-solving. We have discussed the possible ways of approaching problems that are presented, as well as potential constraints that may affect our problem-solving capabilities. Most recently, the class completed a hands-on group project that required them to try to build the tallest structure using marshmallows and toothpicks! Students worked within their small groups to develop (informal) hypotheses about how to approach the activity, and then they had the opportunity to test out their ideas! The main constraint was that the structure could not be a straight line; students had to form an actual shape as they attempted to develop the tallest standing formation. We were so impressed with the creative thinking that students demonstrated during this project, and they later had a chance to reflect on their problem-solving process.



## Art in September: Color, Line, Texture and Form

Our student artists have begun exploring the elements of art, basic building blocks for creating and analyzing all artistic work. 3<sup>rd</sup> and 4<sup>th</sup> grade students are experimenting with texture and celebrating fall as they create crayon rubbings from leaf texture plates. The artists of grades 5 and 6 are learning about form and utilitarian art as they create original coil pottery. Kindergarten and first grade students learned about the importance of “making their marks” and encouraging others. They created original artwork inspired by the book “The Dot,” by Peter H. Reynolds. In all other classes color is the main focus, as students explore basic color theory and the work of artists such as Piet Mondrian and Roy Lichtenstein. All of our students have been busy polishing their skills and creating vibrant, expressive work.



## FALLing In Love with First Grade!

### First grade JRC

First grade received a new addition to their classroom in September: Ms.G!! We have really found a love of writing in First grade; We received new writing journals in September and are now writing in them EVERYDAY! We have written about what we want to be when we grow up, our favorite food and about all the things that happen in the fall time. We understand the importance of our sentences having SWAG: S starts with a capital letter, Written neatly, A space between words, and Given punctuation!

## Fractions, Decimals, and Percents

In this module, *Fractions, Decimals, and Percents*, students will use their prior knowledge of fractions, decimals, ratios, and rates to develop understanding of percent and find the percent of a number. Having a solid understanding of percents will prepare students for their future as they calculate tips, understand taxes, and compare sale prices while shopping.

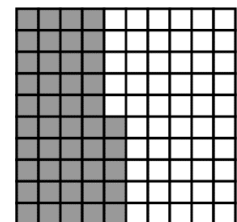
### Percent as a Ratio

Using models, such as bar diagrams and 10 by 10 grids, students will learn that a **percent** is a ratio that compares a number to 100. The 10 by 10 grid models the percent 45%. As a ratio, 45% means 45 per 100, or 45 : 100.

Percents can be greater than 100% or less than 1%.

### Relating Fractions, Decimals, and Percents

Students will understand the relationship between fractions, decimals, and percents and build fluency with conversions



between them. The percent 45% can be written as the fraction  $\frac{45}{100}$ , or  $\frac{9}{20}$ . As a decimal, this is 0.45.

### Relating the Part, Percent, and Whole

To solve problems involving percents, it is often necessary to find the **percent of a number** or to **find the whole given the part and the percent**.

Sometimes, mental math can be used. For example, 45% of 300 can be thought of as a rate of 45 for every 100. Because there are three 100s in 300, there are three 45s in 45% of 300. So, 45% of 300 is 45 + 45 + 45, or 135.

In cases where mental math is not advantageous, students can use bar diagrams, double number lines, ratio tables, and scaling with equivalent ratios to find the percent of a number.

Estimation using **benchmark percents** is also a valuable tool when estimating the percent of a number. For example 48% of 292 is close to 50% of 300, or 150.

**Dr. Lamont Repollet Visits RTA**  
Commissioner  
New Jersey Department of Education



# Interview Day



# Interview Day



## PARENT COUNCIL MEETING SCHEDULE 2019-2020

ALL MEETINGS BEGIN PROMPTLY AT 6:30 PM

<u>DATE</u>	<u>LOCATION</u>	<u>TOPIC</u>
Wednesday, August 21 <sup>st</sup>	Both Campuses	<b>BACK TO SCHOOL NIGHT</b>
Wednesday, September 25 <sup>th</sup>	SNA	<b>School Safety/HIB</b>
Wednesday, October 23 <sup>rd</sup>	JR (6pm)	<b>Title I Parent Information Meeting</b>
<i>(Only for parents of title I students—notices will be sent home)</i>		
October 28 <sup>th</sup> –November 1 <sup>st</sup>	Both Campuses	<b>Parent Conferences-Cycle I Report Cards Distributed</b>
<i>(No Conferences on Halloween- Late Night Tuesday, October 29<sup>th</sup> )</i>		
Tuesday, November 19 <sup>th</sup>	Both Campuses	<b>Thanksgiving Play</b>
Tuesday, December 17 <sup>th</sup>	SNA	<b>SNA Winter Concert</b>
Wednesday, December 18 <sup>th</sup>	SNA	<b>JRC Winter Concert</b>
January 21 <sup>st</sup> – January 24 <sup>th</sup>	Both Campuses	<b>Parent Conferences-Cycle II Report Cards Distributed</b>
<i>(Late Night Wednesday, January 22<sup>nd</sup> )</i>		
Wednesday, February 26 <sup>th</sup>	SNA	<b>SNA/JR Night of the Arts</b>
Wednesday, March 25 <sup>th</sup>	SNA	<b>State of the School</b>
Thursday, March 26 <sup>th</sup>	JR	<b>State of the School</b>
Wednesday, April 22 <sup>nd</sup>	SNA	<b>SNA Spring Concert</b>
Thursday, April 23 <sup>rd</sup>	SNA	<b>JR Spring Concert</b>
Tuesday, May 19 <sup>th</sup>	SNA	<b>SNA International Dinner</b>
Wednesday, May 20 <sup>th</sup>	SNA	<b>JR International Dinner</b>
Friday, June 19 <sup>th</sup>	North Ward Center/	<b>Founder's Day *</b>

Branch Brook Park

(Although this is a student activity we welcome parent volunteers. Please sign up in the office.)

PARENTS MAY ATTEND EITHER MEETING DATE AT EITHER CAMPUS. THE DECISION TO HOLD THE LARGER EVENTS AT OUR SNA CAMPUS IS FOR THE COMFORT OF OUR PARENTS AND STUDENTS.

# PROJECT CHILD FIND

**1-800-322-8174**

Project CHILD FIND is a free referral service and public awareness campaign to assist in the identification of unserved/underserved youth with a delay or disability from birth through twenty-one years of age. In addition, Project CHILD FIND develops and distributes information to the public about early intervention services and special education programs throughout New Jersey.

Project CHILD FIND's comprehensive efforts include:

- Assisting families of infants and toddlers, birth through two, concerned about their child's development by directing all requests regarding early intervention to the family's local Special Child Health Case Management Unit. If you need the number for your Special Child Health Case Management Unit, call: Project CHILD FIND 1-800-322-8174.
- Assisting families of preschoolers, ages three through five, concerned about their child's development by directing requests to their local school district.
- Helping families access community services through referral.
- Promoting community and public awareness of all children with disabilities by providing information.
- Assisting local school district boards of education to identify unserved children from age three through twenty-one who are in need of special education and related services.

Information through Project CHILD FIND may be obtained by calling the toll-free number, 1-800-322-8174, which is in service 7 days a week, 24-hours a day. All calls received are confidential.

Project CHILD FIND was established by the New Jersey Department of Education through I.D.E.A., Part B funds from the U.S. Department of Education.



Robert Treat Academy has chosen Facebook as an additional way to communicate with parents, students, and the community. Please check out our page and feel free to like us at [www.facebook.com/RobertTreatAcademy](http://www.facebook.com/RobertTreatAcademy).